



Twin Cities Campus

Geographic Information Science M.G.I.S.

Geography, Environment, Society

College of Liberal Arts

Link to a [list of faculty](#) for this program.

Contact Information:

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Website: <http://cla.umn.edu/mgis>

- Program Type: Master's
- Requirements for this program are current for Spring 2016
- Length of program in credits: 35
- This program does not require summer semesters for timely completion.
- Degree: Master of Geographic Information Science

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The professional master of geographic information science (M.G.I.S.), administered by the Department of Geography, provides graduate-level work in the theory, applications, and technology of geographic information science (GIS). Courses for the program are divided into three broad categories. Core courses provide the conceptual and theoretical underpinnings for a comprehensive, well-rounded knowledge of GIS, including an introductory seminar for entering students (GIS 8501). A set of technology courses focuses on specific software and techniques of GIS. Elective courses provide additional breadth to the program by allowing students to take courses related to their area of interest.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

Special Application Requirements:

Applicants must submit an application form; a M.G.I.S. supplemental application form; transcripts; a clearly written personal statement of career interests and goals; and three letters of recommendation from persons familiar with their academic and/or employment background. The GRE is not required. All materials must be submitted by January 30 for fall semester entrance and by September 1 for spring semester entrance.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Internet Based - Writing Score: 24
 - Internet Based - Reading Score: 22
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7.5
- MELAB
 - Final score: 84

The preferred English language test is Test of English as Foreign Language

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 29 major credits and 6 credits outside the major. There is no final exam.



This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.00 is required for students to remain in good standing.

At least 2 semesters must be completed before filing a Degree Program Form.

The degree is offered under Plan C (coursework only) and requires 35 credits of coursework. All students must have at least 35 credits, with a minimum of 18 credits in core and technology courses (12 credits of core courses and 6 credits of technology courses). All students are required to take GEOG 5561 or FR 5131, an approved 5000-level course with an advanced GIS focus, GIS 5571, GIS 5572, an approved 8000-level course with an advanced GIS focus, and GIS 8501. At least 6 credits of the 35 required must be taken outside of the geography department (GEOG and GIS designators) but may include core GIS courses (e.g. FR and ESPM designators). Students must also complete a professional portfolio, and a set of concluding experiences including a public presentation, an exit survey, and a final meeting with an adviser.